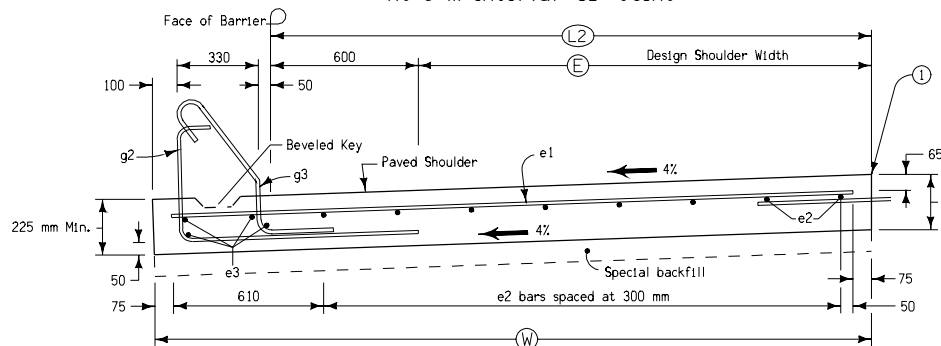
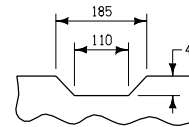


PLAN VIEW
At 6 m Interval 'CD' Joint



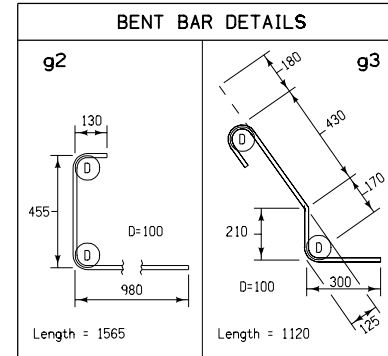
TYPICAL SECTION



Note:

Use 50 mm x 200 mm lumber 200 mm long to make keys.
Keys are to be placed at 800 mm centers.

"BEVELED KEY" CONSTRUCTION JOINT DETAILS



REINFORCING BAR LIST

Per Shoulder Panel (Approximately 6 Meters)

Dimensions (m)		Mark	Size	Number	Length	Spacing
(E)	(L2)					
0.6	1.2	1.68	e1	20	18	1530
			e2	15	4	5400
1.2	1.8	2.28	e1	20	18	2130
			e2	15	6	5400
1.8	2.4	2.88	e1	20	18	2730
			e2	15	8	5400
2.4	3.0	3.48	e1	20	18	3330
			e2	15	10	5400
3.0	3.6	4.08	e1	20	18	3930
			e2	15	12	5400
Applies to all Shoulder Widths		e3	15	4	5800	See Drawing
		g2	15	15	1565	400
		g3	15	15	1120	400

GENERAL NOTES:

The paved shoulder shall consist of PCC Base in which Class 'C' Concrete is used.

Payment for "Special Backfill" shall be based on a uniform 150 millimeter thickness. The thickness may be exceeded at the Contractor's option with no compensation for the additional material.

Price bid for "Paved Shoulder, Reinforced, RE-44F(2)" shall be full compensation for construction of the paved shoulder as detailed. This shall include furnishing and placement of P.C. Concrete Pavement, required pavement joints, and epoxy coated reinforcing steel bars g2, g3, e1, e2, and e3.

Contract items:

Paved Shoulder, Reinforced, RE-44F(2)
Special Backfill

- ① 'L-2' or 'KT-2' Joint. When roadway pavement is existing, use 'BT-3' Joint. Refer to Standard Road Plan RH-51.
- ② Match existing joint. Place 'CD' joint in shoulder. Refer to Standard Road Plan RH-50.
- ③ g2 and g3 bars to be spaced at 400 millimeters.
- ④ No 'CD' joint baskets required within approximately 1.2 meters of edge of shoulder.
- ⑤ 450 millimeters clear from joint line.

(E) Design Shoulder Width.

(L2) Distance from edge of traveled way to face of barrier.

(W) = (E) + 1080 mm.

All dimensions given in millimeters unless noted.

METRIC VERSION	Iowa Department of Transportation Highway Division	
	STANDARD ROAD PLAN RE-44F(2)	
	REVISION: Remove Reference to Rumble Strip Standard.	REVISION NO. 6
	APPROVED BY: <i>William J. Sten</i> DESIGN METHODS ENGINEER	REVISION DATE 10-21-03
	REINFORCED PAVED SHOULDER FOR CONCRETE BARRIER (PAGE 2 OF 2)	

ESTIMATED QUANTITIES FOR SHOULDER Per Meter

	Width (W) (meters)				
	1.68	2.28	2.88	3.48	4.08
Concrete m ²	1.68	2.28	2.88	3.48	4.08